

Image may be representation.
See specifications for product details.



AT24C256C-SSHL-T

Manufacturer Part Number	AT24C256C-SSHL-T
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT24C256C-SSHL-T
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC EEPROM 256KBIT I2C 1MHZ 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	AT24C256C-SSHL-T.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT24C256C-SSHL-T - Microchip Technology. New Original in Stock. Download Linear Technology AT24C256C-SSHL-T datasheet/specifications on AllelcoElec.com. Request a quote for AT24C256C-SSHL-T, please send us email: info@allelco.com

Specifications

AT24C256C-SSHL-T Tech Specifications
AT24C256C-SSHL-T - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Mounting Type	Surface Mount
Write Cycle Time - Word, Page	5ms	Memory Type	Non-Volatile
Voltage - Supply	1.7V ~ 5.5V	Memory Size	256Kbit
Technology	EEPROM	Memory Organization	32K x 8
Supplier Device Package	8-SOIC	Memory Interface	I ² C
Series	-	Memory Format	EEPROM
Package / Case	8-SOIC (0.154", 3.90mm Width)	Clock Frequency	1 MHz
Package	Tape & Reel (TR)	Base Product Number	AT24C256C
Operating Temperature	-40°C ~ 85°C (TA)	Access Time	550 ns

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT24C256C-SSHL-T

Product Attribute				
Part Number	AT24C256C-SSHL-T	AT24C256C-MAHL-T	AT24C256C-XHL-T	AT24C256C-XHL-B
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-UFDFN Exposed Pad	8-TSSOP (0.173", 4.40mm Width)	8-TSSOP (0.173", 4.40mm Width)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	8-SOIC	8-UDFN (2x3)	8-TSSOP	8-TSSOP
Clock Frequency	1 MHz	1 MHz	1 MHz	1 MHz
Series	-	-	-	-
Access Time	550 ns	550 ns	550 ns	550 ns
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Base Product Number	AT24C256C	AT24C256C	AT24C256C	AT24C256C
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Memory Interface	I ² C	I ² C	I ² C	I ² C
Memory Organization	32K x 8	32K x 8	32K x 8	32K x 8
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Memory Size	256Kbit	256Kbit	256Kbit	256Kbit
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Voltage - Supply	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V

AT24C256C-SSHL-T Datasheet PDF

Download AT24C256C-SSHL-T pdf datasheets and Microchip Technology documentation for AT24C256C-SSHL-T - Microchip Technology.

PCN Packaging

- Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf
- Tape and Reel Label Update 10/Feb/2015.pdf

PCN Design/Specification

- AT24C256C 09/Jun/2022.pdf
- AT24C256Cx 29/Sep/2022.pdf

PCN Assembly/Origin

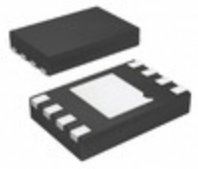
- Wafer Technology 09/Aug/2022.pdf

PCN Part Number



Customers Also Interested in

Recommended Products

**AT24C256C-MAHL-T**Microchip Technology
IC EEPROM 256KBIT I2C 1MHZ
8UDFN**AT24C256CI27**

AT

**AT24C256BU2-10UU-1.8**

Atmel (Microchip Technology)

**AT24C256C-XHL-T**Microchip Technology
IC EEPROM 256KBIT I2C 8TSSOP**AT24C256C-XHL-B**Microchip Technology
IC EEPROM 256KBIT I2C 8TSSOP**AT24C256C-SSPD-T**Microchip Technology
IC EEPROM 256KBIT I2C 8SOIC**AT24C256CI1.8**

Atmel (Microchip Technology)

**AT24C256C**

AT

**AT24C256C-SSHL-B**Microchip Technology
IC EEPROM 256KBIT I2C 1MHZ
8SOIC**AT24C256BU2-UU-T**

Atmel (Microchip Technology)

**AT24C256BN-SU1.8**

Atmel (Microchip Technology)

**AT24C256C-SSHL-T**

Atmel (Microchip Technology)

**AT24C256BW-SH-T**Microchip Technology
IC EEPROM 256KBIT I2C 1MHZ
8SOIC**AT24C256CI2.7**

Atmel (Microchip Technology)

**AT24C256N-10SI-1.8**Microchip Technology
IC EEPROM 256KBIT I2C 8SOIC**AT24C256C-MAHL-T**Atmel
IC EEPROM 256KBIT I2C 1MHZ
8UDFN**AT24C256C-SSHL**

Atmel (Microchip Technology)

**AT24C256C-CUL-T**

Atmel (Microchip Technology)

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Alleco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Efficient Supply
Management



Cost-Saving
Procurement



Fast Sourcing &
Delivery

Contact us if you have any questions.



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Email

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Certifications & Memberships



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